her	ISBN - <b>0131734601</b>		01	Publisher - Pearson Prentice Hall Customer Service					-	
Provided by the Publisher	Conceptual Physical Science: Explorations, Media Update - Student Edition Package									
the F	Type ·	- P2	witt et al.					Š		
ed by	Copyr	Copyright - 2007 Edition - 1st				Readability - 7.5 Modified Dale-Chall				
rovide	Course - High School Physical Sci			ence Grade(s)			9,10,11,12			
Teacher Edition ISBN if applicable								0132280	604	
Overall Recommendation:    Recommended as Basal   Overall Strengths, Weaknesses, Comments:										
Electronic textbook is included. The text includes physics, chemistry and earth/space. This is a comprehensive introductory text. Supplements will be required to enhance inquiry rlearning.										
CRITERIA This basal resource										
A. Encompasses KY Content Standards & Grade Level  Expectations  Moderate Evidence  Little or No Evidence										
☐ Text is designed to be used in an elective course outside the Program of Studies										
	1) Inc	ludes the 7 Bi	g Ideas of sc	ience to the f	ollov	ving ext	ent:			
	a)	Structure and	Transformation	on of Matter			Strong ☐ Moderate ☐ Little ☐ N/A			N/A
	b) Motion and Forces						Strone	g   Moderate	Little	N/A
	c) The Earth and the Universe					Strong				N/A
	d) Unity and Diversity						Stron	g   Moderate	Little	⊠ N/A
	e)	Biological Cha	ange				Stron	g   Moderate	Little	⊠ N/A
	f)	Energy Transf	ormation				Stron	g 🛚 Moderate	Little	N/A
	g)	Interdepender	nce				Stron	g   Moderate	Little	N/A
Addresses content-specific enduring understandings from the related Program of Studies standards.				udies	Stron	g 🛚 Moderate	Little	□ N/A		
<ol><li>Addresses content-specific skills and concepts from the related Program of Studies standards.</li></ol>					from	Stron	g 🛚 Moderate	Little	□ N/A	

Content addressed is current, relevant and non- trivial	Strong Moderate Little N/A				
5) Provides opportunities for critical thinking/reasoning	☐ Strong ☑ Moderate ☐ Little ☐ N/A				
<ul> <li>6) Strengths, Weaknesses, Comments:</li> <li>Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul>					
The text is comprehensive in nature but does not cover any topic in-depth. Activities and laboratory will need to be suplemented. Inquirey is not embedded in the text but is evident in the end of chapter exercises. The text addresses environmental concerns but does not present the biogeochemical cycles.					
B. Functionality & Suitability	Strong Evidence  Moderate Evidence  Little or No Evidence				
1) Suitability	Strong				
<ul> <li>Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>					
2) Content quality	Strong				
<ul> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—more than a mere collection of facts</li> <li>Content included accurately represents the knowledge base of the discipline</li> <li>Theories/scientific models contained represent a broad consensus of the scientific community</li> </ul>					
3) Connections to Literacy Note: may apply to either student or teacher editions	☐ Strong ☐ Moderate ☒ Little				
<ul> <li>Employs a variety of reading levels and is grade/level appropriate</li> <li>Contains pre, during, post reading activities</li> <li>Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>Student text provides opportunity to integrate reading and writing</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text and glossary</li> <li>Engaging text- does the text facilitate learning?</li> <li>Does understanding the text require having performed the imbedded activities?</li> </ul>					
4) Connections to Technology	☐ Strong ☑ Moderate ☐ Little				
<ul> <li>Integrates technology and reflects the impact of technological advances</li> <li>Uses technology in the collection and/or manipulation of authentic data</li> </ul>					

5) Support for Diverse Learners	☐ Strong ☐ Moderate ☐ Little				
<ul> <li>Provides support for ESL students</li> <li>Provides support for differentiation of instruction in diverse classrooms Note: may apply only to teacher edition</li> </ul>					
<ul> <li>6) Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.</li> </ul>					
This text integrates multimedia by way of the electronic text that includes the written text with the addition of interactive tutorials and videos that enhance the text. There are no suggestions for diverse or ESL students in the teacher's edition. Literacy connections are limited to concepts checks. The vocabulary for each chapter is presented at the end of the chapter and is not highlighted throughout the text.					
C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence				
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☑ Moderate ☐ Little				
<ul> <li>Provides opportunities for inquiry and research that includes activities such as self-selecting topics, formulating authentic questions, gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions.</li> <li>Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.)</li> <li>Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.</li> <li>Provides opportunities for application of learned concepts.</li> <li>Uses a variety of relevant charts, graphs, diagrams, time lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.</li> <li>Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.</li> <li>Note: may apply to either teacher or student edition</li> </ul>					
2) Skill Development	☐ Strong ☑ Moderate ☐ Little				
<ul> <li>Provides opportunities to make sense of data</li> <li>Provides opportunities for critical thinking and reasoning (analyze arguments, distinguish fact/opinion, recognize bias)</li> <li>Provides opportunities to examine a range of types of evidence</li> <li>Contains embedded activities (or extensions) that emphasize use of technology for problem solving  Note: may apply to either teacher or student edition</li> </ul>					
3) Strengths, Weaknesses, Comments:					

Embedded activities are limited and do not support inquiry.

D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence				
1) Engages Students	☐ Strong ☑ Moderate ☐ Little				
<ul> <li>Includes content geared to the needs, interests, and abilities of students</li> <li>Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.</li> <li>Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences</li> <li>Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels</li> <li>Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i></li> </ul>					
<ul> <li>Uses Assessment to Inform Instruction  ☐ Strong ☑ Moderate ☐ Little</li> <li>Includes multiple means of assessment as an integral part of instruction</li> <li>Provides evaluation measures in the teacher edition that supports differentiated learning activities</li> <li>Embedded assessments reflect a variety of Depth of Knowledge levels         <i>Note: may apply to either teacher or student edition</i></li> </ul>					
<ul> <li>3) Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards</li> </ul>					
The text lacks embedded activities and will need supplementation for inquiry. Critical thinking is required to answer the questions presented in the text.					
E. Has an Organization/ Format that Supports Learning and Teaching	☐ Strong Evidence ☐ Moderate Evidence ☐ Little or No Evidence				
1) Organizational Quality	☐ Strong ☑ Moderate ☐ Little				
Print and/or electronic materials present minimal barriers to learners     Presents chapters/lessons in an expanized and logical sequence.					

- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively

<ul> <li>Uses grade-appropriate type size</li> <li>Included media are durable, easy to use and have technical merit</li> <li>Construction appears to be durable and able to withstand normal use</li> </ul>						
2) Essential Components (beyond student and teacher text) Strong Moderate Lit						
<ul> <li>Items identified as essential components support the learning goals and concept coverage of the basal</li> </ul>						
<ul> <li>3) Strengths, Weaknesses, Comments:</li> <li>Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.</li> </ul>						
The text does not supply students with lesson objectives or key vocabulary words.						
F. Has available Ancillary/ Gratis Materials  Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F	Strong Evidence Moderate Evidence Little or No Evidence					
<ul> <li>1) Ancillary/Gratis Materials</li> <li>Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).</li> <li>Are well-organized and easy to use</li> <li>Provide substantive learning opportunities and are congruent with student learning goals</li> <li>Provide opportunities for high-level thinking, assessment, and/or problem solving</li> </ul>						

### 2) Strengths, Weaknesses, Comments:

• Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The ancillary materials upgrade the inquiry level of this text. Some of the materials are electronic while others are print.